

## CLAIMS

1. A robot system comprising:

a plurality of pendants held by each of a plurality  
5 of operators, wherein

the pendants send out signals for controlling an  
operation of a single robot.

2. A robot controlling apparatus comprising:

10 pendants held by each of a main operator and a  
subordinate operator for operating a single robot, wherein

the pendant includes:

an enabling switch,

a circuit adapted to interlock with the enabling  
15 switch to generate a driving signal for a servo power  
supply of the robot, and

a circuit for putting the servo power supply in an  
ON state, when both the main enabling switch and the  
subordinate enabling switch are closed, wherein

20 the pendant held by the main operator includes a  
main enabling switch, and

the pendant held by the subordinate operator  
includes a subordinate enabling switch.

3. A robot controlling apparatus for operating a single robot by pendants held by each of a main operator and a subordinate operator, comprising:

an enabling switch,

5 a circuit adapted to interlock with the enabling switch to generate a driving signal for a servo power supply of the robot, and

a detection switch for determining whether or not the subordinate enabling switch is effective, wherein

10 the servo power supply is put in an ON state, when a logical sum is obtained of a status signal which becomes 0 when the subordinate enabling switch is opened and 1 when the subordinate enabling switch is closed and a status signal which becomes 0 when the detection switch is opened  
15 and 1 when the detection switch is closed, and a logical product becomes 1 of the logical sum and a status signal which becomes 0 when the main enabling switch is opened and 1 when the main enabling switch is closed, and wherein

the pendant held by the main operator includes a  
20 main enabling switch, and

the pendant held by the subordinate operator includes a subordinate enabling switch.